

ABSTRACT

The present invention is related to novel polypeptide consisting of 205 amino acids which is produced in an endothelial cell line of human umbilical cord vein, a method of producing it, DNA encoding the polypeptide, a vector comprising the DNA, host cells transformed or transfected with the vector, an antibody to the polypeptide and pharmaceutical composition containing the polypeptide or antibody. The polypeptide of the present invention may be useful as itself or secretion type for the prevention of or in treatment of immune diseases caused by adhesion of platelet, many kind of leukocytes and macrophage and disease relating to thrombus formation (e.g. rheumatoid arthritis, allergy, arteriosclerosis, rejection after an internal organ plantation, myocardial infarction, brain infarction or reperfusion failure caused by it, DIC and septicemia etc.), or for screening test of the prevention of and/or in treatment of the above disease.